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Dated: 11/17/05 Signature: Joanne Ryan  
(Joanne Ryan)

Docket No.: BBNT-P01-139  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Brig B. Elliott

Application No.: 09/943709

Confirmation No.: 2582

Filed: August 31, 2001

Art Unit: 2131

For: SYSTEMS AND METHODS FOR PATH SET-  
UP IN A QUANTUM KEY DISTRIBUTION  
NETWORK

Examiner: A. Sherkat

**AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

OK to  
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A.S  
Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated October 6, 2005, finally rejecting claims 16-26, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.